

Docket No.:

APPLICATION FOR UNITED STATES PATENT  
DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that  
 I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor  
 (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: SILICON CARBIDE BASED POROUS MATERIAL AND METHOD FOR PREPARATION THEREOF, AND HONEYCOMB STRUCTURE

described and claimed in the specification:

Check one

a.  attached hereto.  
 b.  filed on \_\_\_\_\_ as Application No. \_\_\_\_\_ and amended on \_\_\_\_\_ (if applicable).  
 c.  described and claimed in PCT International Application No. PCT/JP03/15796 filed on Dec. 10, 2003 and  
 as amended under PCT Article 19 on May 14, 2004 (if any).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) and/or United States provisional application(s) filed by me or my legal representatives or assigns within one year prior to this application are hereby claimed:

Japanese Patent Application No. 2002-359128 filed on December 11, 2002.

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s) and/or United States provisional application(s):

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	Typewritten Full Name of First or Sole Inventor	Masahiro	FURUKAWA
	Given Name	Middle Initial	Family Name
2	**Inventor's Signature:	Masahiro Furukawa	
3	**Date of Signature:	May	30th, 2005
	Month	Day	Year
Residence:	Naqoya-city,	Aichi-prefecture,	Japan
	City	State or Province	Country
Citizenship:	Japanese		
Post Office Address:	c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi-prefecture, 467-8530 Japan		
(Insert complete mailing address, including country)			

\*If Box (a.) is checked, this form may be executed only when attached to the specification (including claims).

\*\*Note to Inventor: Please sign name exactly as it appears above and insert actual date of signing.

IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE

**PAGE 2 OF U.S.A. DECLARATION FORM**  
(Discard this page in a sole inventor application)

02P00455 US  
WA 0872 USCPT

1 **Typewritten Full Name of Second Joint Inventor (if any)** Kenji **MORIMOTO**  
Given Name **Middle Initial** Family Name

2 **\*\*Inventor's Signature:** Kenji **Middle Initial** **30th, 2005**  
3 **\*\*Date of Signature:** May **Day** **Year**

**Residence:** Kasugai-city, **State or Province** Aichi-prefecture, **Country** Japan  
**City**

**Citizenship:** Japanese

**Post Office Address:**  
(Insert complete mailing address, including country) c/o NGK Insulators, Ltd.,  
2-56, Suda-cho, Mizuho-ku, Nagoya-city,  
Aichi-prefecture, 467-8530 Japan

1 **Typewritten Full Name of Third Joint Inventor (if any)** Shinji **KAWASAKI**  
Given Name **Middle Initial** Family Name

2 **\*\*Inventor's Signature:** Shinji **Middle Initial** **30th, 2005**  
3 **\*\*Date of Signature:** May **Day** **Year**

**Residence:** Nagoya-city, **State or Province** Aichi-prefecture, **Country** Japan  
**City**

**Citizenship:** Japanese

**Post Office Address:**  
(Insert complete mailing address, including country) c/o NGK Insulators, Ltd.,  
2-56, Suda-cho, Mizuho-ku, Nagoya-city,  
Aichi-prefecture, 467-8530 Japan

1 **Typewritten Full Name of Fourth Joint Inventor (if any)** **Given Name** **Middle Initial** **Family Name**

2 **\*\*Inventor's Signature:** **Month** **Day** **Year**  
3 **\*\*Date of Signature:**

**Residence:** **City** **State or Province** **Country**

**Citizenship:**

**Post Office Address:**  
(Insert complete mailing address, including country)

1 **Typewritten Full Name of Fifth Joint Inventor (if any)** **Given Name** **Middle Initial** **Family Name**

2 **\*\*Inventor's Signature:** **Month** **Day** **Year**  
3 **\*\*Date of Signature:**

**Residence:** **City** **State or Province** **Country**

**Citizenship:**

**Post Office Address:**  
(Insert complete mailing address, including country)

**Note to Inventors:** Please sign name exactly as it appears and insert the actual date of signing.

This form may be executed only when attached to the first page of the Declaration form of the application to which it pertains.

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of

Masahiro FURUKAWA et al.

Application No.: New U.S. National Stage of  
PCT/JP03/015796

Filed: June 6, 2005 Docket No.: 124195

For: SILICON CARBINE BASED POROUS MATERIAL AND METHOD FOR  
PREPARATION THEREOF, AND HONEYCOMB STRUCTURE

**TRANSMITTAL OF POWER OF ATTORNEY AND**  
**STATEMENT UNDER 37 CFR § 3.73(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith is a Power of Attorney from the Assignee.

In compliance with 37 CFR §3.73(b), the undersigned hereby states that NGK  
INSULATORS, LTD is the assignee of the entire right, title and interest in the patent application  
identified above by virtue of an assignment from the inventors of the patent application identified  
above. A copy of the assignment is attached hereto.

The undersigned is authorized to act on behalf of the assignee.

In accordance with 37 CFR §1.36(a), submission of this Power of Attorney revokes any  
powers of attorney previously given.

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD  
BE SENT TO OLIFF & BERRIDGE, PLC, CUSTOMER NO. 25944, TELEPHONE  
(703) 836-6400.**

Respectfully submitted,

Eric D. Morehouse  
Registration No. 38,565

EDM/crh

Date: June 6, 2005

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**GENERAL POWER OF ATTORNEY  
TO PROSECUTE APPLICATIONS BEFORE  
THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Assignee Name and Address: NGK Insulators, Ltd.  
2-56, Suda-cho, Mizuho-ku, Naoya-city  
Aichi-prefecture, 467-8530 Japan

appoints the patent practitioners associated with Oliff & Berridge, PLC Customer Number 25944 to represent it before the United States Patent and Trademark Office in connection with any and all U.S. patent applications assigned to the above-named assignee.

The undersigned is authorized to act on behalf of the assignee.

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, CUSTOMER NO. 25944, TELEPHONE (703) 836-6400.**

October 28, 2004

Date

Takafumi Hochi

Signature

Typed Name: Takafumi Hochi

Title: General Manager, Legal Affairs & Intellectual Property Department